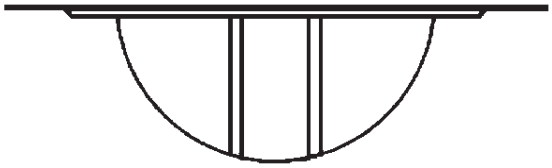

SB26C / SB26D

Series Simulated Domes

Installation/Operation Manual

C1403M - 2/94

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REVISION HISTORY

Manual #	Date	Comments
C1403M	2/94	Original version.
	8/96	Updated part numbers in Section 6.0, Mechanical Parts List. Updated dimension drawing.

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INSTALLATION/OPERATION MANUAL
Model SB26C AND SB26D
SIMULATED DOMES

1.0 SCOPE

The information contained in this manual covers the SB26 Series of simulated domes.

1.1 DESCRIPTION

Pelco's SB26 Series is a series of simulated discreet indoor enclosures. The SB26D is a “dummy” dome only, and the SB26C is equipped with a clear viewing slot and fixed camera mount for fixed camera applications.

Design considerations were engineered into this series of discreet domes to assure ease of service and installation.

1.2 WARNINGS

Prior to installation and use of this product, the following WARNINGS should be observed.

1. Installation and servicing should be done by Qualified Service Personnel and conform to all local codes.

2. This unit is specifically designed for indoor use only and it must not be installed where exposed to rain and moisture.

3. Only use replacement parts recommended by Pelco.

Please thoroughly familiarize yourself with the information in this manual prior to installation and operation.

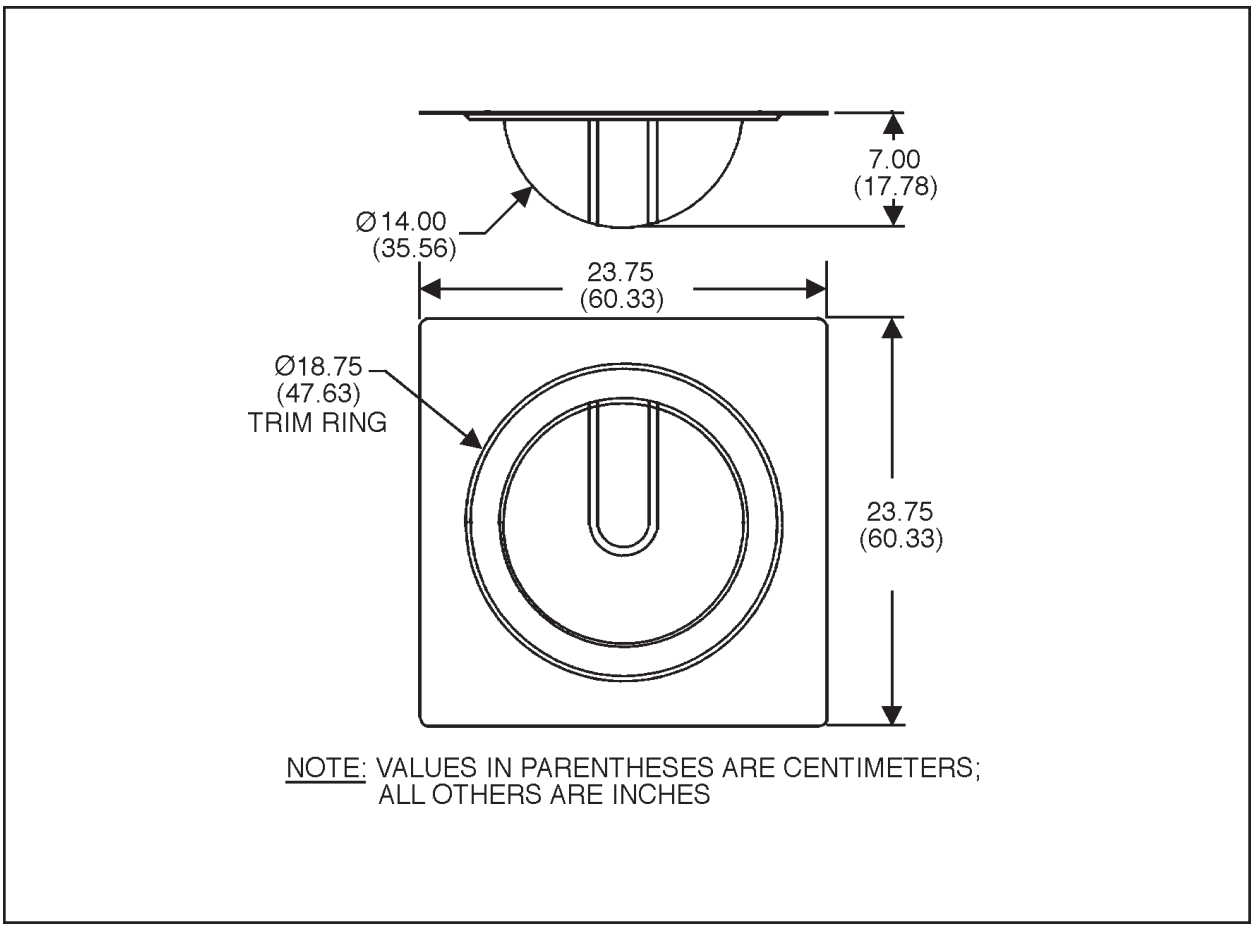

Figure 1. SB26 Series Dimension Drawing

2.0 INSTALLATION

> **CAUTION:** Make certain that the mounting surface is capable of supporting the full load of the retaining plate, dome, camera mount and camera.

Handle the lower dome with care so as not to scratch or fingerprint the viewing window.

2.1 MOUNTING

The SB26 Series of discreet domes can be installed by performing the following steps:

1. Place the retaining plate in a 2' x 2' ceiling tile opening. Make sure it rests securely on the "T-Bar".

2. Install the guide wires to the "eye" bolt on the top of the unit and tighten sufficiently to ensure the retaining plate does not sag.

2.2 CAMERA MOUNTING (Model SB26C Only)

Install the camera on the camera mount and position the camera.

2.2.1 Conductor Requirements

If a camera is used with the SB26C, the following can be used as guidelines for determining the maximum wire lengths for a hard-wire system.

Camera Wire Length (120 VAC Camera @ vA)

Maximum Cable Distance

Cable Size	3 vA	6 vA	10 vA
14 Awg	87,466	43,733	26,240
16 Awg	54,830	27,415	16,449
18 Awg	34,548	17,274	10,364
20 Awg	21,715	10,857	6,514

Camera Wire Length (24 VAC Camera @ vA)

Maximum Cable Distance

Cable Size	3 vA	6 vA	10 vA
14 Awg	3,809	1,904	1,142
16 Awg	2,388	1,194	716
18 Awg	1,504	752	451
20 Awg	945	472	283

Coax Cable Distances

Cable Size	Maximum Cable Distance
RG-59U	750 feet
RG-11U	1,800 feet
RG-6U	1,500 feet

3.0 CARE AND MAINTENANCE

Regularly scheduled maintenance will prolong the operational life and appearance of the equipment.

> **IMPORTANT:** The lower dome of the SB26C simulated domes is an optical surface. When cleaning the surface of the dome and the viewing window, treat the surface as carefully as you would a fine camera lens.

1. If dust or other debris accumulates on the inside of the lower dome, remove with clean air pressure. Compressed air cans are available from photographic equipment dealers.

> **WARNING:** Do not use water, liquid or spray cleaners of any kind on coated inner surfaces of the dome.

2. Clean the outer surface of the dome and the inner surface of the viewing window with a nonabrasive cleaning cloth and antistatic cleaner that is safe for use on acrylic plastics. Do not use kerosene or similar substances that can scratch the surface.

4.0 SERVICE AND REPAIR

4.1 RECOMMENDED EQUIPMENT AND TOOLS

1. 7/16" end wrench
2. Screwdriver, flat blade, Phillips head
3. Pliers, long nose

4.2 SERVICE TIPS

Some common problems encountered with the use of this product include mix-wiring, overloading, and using the units for incorrect applications. Should a failure of the unit occur, it is recommended that the following procedures be used.

1. If the camera ceases to operate, check to insure that there is proper voltage to the camera and proper connection and termination of the video line.

2. If the simulated dome sags, make sure the securing cable is properly fitted.

5.0 EXPLODED ASSEMBLY DIAGRAM

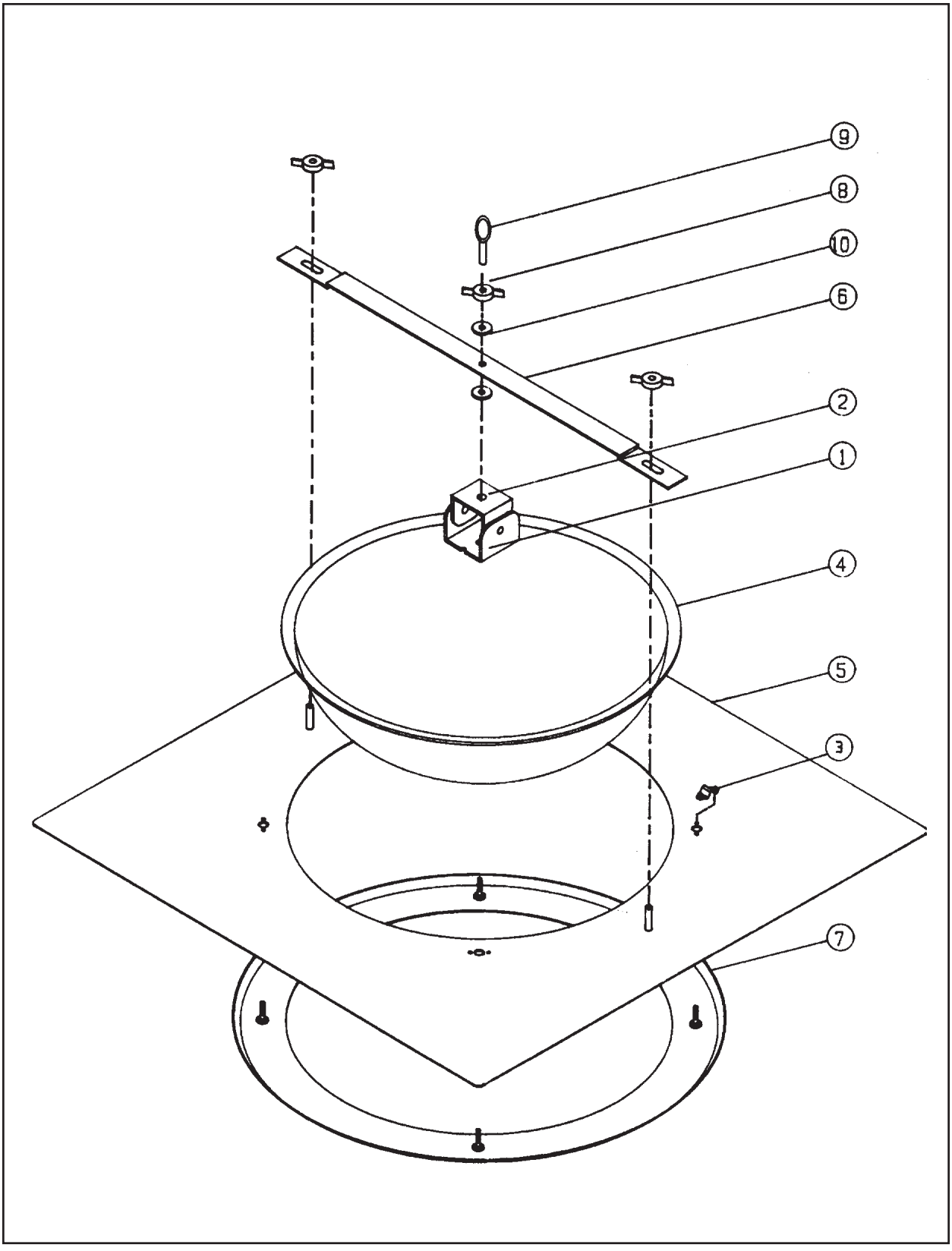

Figure 2. SB26 Series Enclosure Exploded Assembly Diagram

6.0 MECHANICAL PARTS LIST

The following parts list corresponds to the exploded assembly diagram in Figure 2.

Item	Quantity	Description		Part Number
1	1	Tilt table	(SB26C only)	EM44004005PNT
2	1	Tilt table base	(SB26C only)	EM44004006PNT
3	4	Ball Stud Receiver		PT180410001
4	1	Dome	(SB26C)	81410001-1
			(SB26D)	SB25D1000
5	1	Tile plate	(SB26C, SB26D)	SB264100COMP
6	1	Dome/ceiling rod	(SB26C, SB26D)	SB25D4001COMP
7	1	Trim Ring		SB262ASSY
8	3	Wing nut		ZH1/4-20NUTSW
9	1	Eye bolt		ZH1/4.20X2.0EYE
10	4	Washer		ZH260X562X65C

7.0 MODELS

SB26C 14" diameter simulated dome. Black opaque lower dome has clear viewing window. Fixed camera mount included. (UL)

SB26D 14" diameter simulated dome. No viewing window or camera mount. (UL)

7.1 SPECIFICATIONS

Enclosure

Max. Camera/Lens Length: 9.50" L x 2.50" W x 2.50" H (including BNC connector)

Securing Means: 1/4-20 “eye” bolt for connection of guide wire(s)

Construction:
Dome Retainer 0.080" aluminum/ABS trim ring
Dome Optically clear acrylic

Finish (Mounting Plate): Semigloss white, self-textured baked enamel

Environment: Indoor

Dimensions: See Figure 1

Ambient Operating Temperature Range: 50°F to120°F (-23°C to 49°C)

Weight 5 lbs (2.25 kg)

Camera Mount

Construction: 0.119" steel frame

Pan Rotation: 0-360° horizontal

Tilt Rotation: 90-180° vertical

Maximum Load: 7 lbs (3.15 kg)

8.0 WARRANTY AND RETURN INFORMATION

WARRANTY

Pelco will repair or replace, without charge, any merchandise proved defective in material or workmanship for a period of one year after the date of shipment.

Exceptions to this warranty are as noted below:

- Five years on FT/FR8000 Series fiber optic products.
- Three years on Genex® Series products (multiplexers, server, and keyboard).
- Three years on Camclosure® and fixed camera models, except the CC3701H-2, CC3701H-2X, CC3751H-2, CC3651H-2X, MC3651H-2, and MC3651H-2X camera models, which have a five-year warranty.
- Two years on standard motorized or fixed focal length lenses.
- Two years on Legacy®, CM6700/CM6800/CM9700 Series matrix, and DF5/DF8 Series fixed dome products.
- Two years on Spectra®, Esprit®, ExSite™, and PS20 scanners, including when used in continuous motion applications.
- Two years on Esprit® and WW5700 Series window wiper (excluding wiper blades).
- Eighteen months on DX Series digital video recorders, NVR300 Series network video recorders, and Endura™ Series distributed network-based video products.
- One year (except video heads) on video cassette recorders (VCRs). Video heads will be covered for a period of six months.
- Six months on all pan and tilts, scanners or preset lenses used in continuous motion applications (that is, preset scan, tour and auto scan modes).

Pelco will warrant all replacement parts and repairs for 90 days from the date of Pelco shipment. All goods requiring warranty repair shall be sent freight prepaid to Pelco, Clovis, California. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty.

Pelco assumes no risk and shall be subject to no liability for damages or loss resulting from the specific use or application made of the Products. Pelco's liability for any claim, whether based on breach of contract, negligence, infringement of any rights of any party or product liability, relating to the Products shall not exceed the price paid by the Dealer to Pelco for such Products. In no event will Pelco be liable for any special, incidental or consequential damages (including loss of use, loss of profit and claims of third parties) however caused, whether by the negligence of Pelco or otherwise.

The above warranty provides the Dealer with specific legal rights. The Dealer may also have additional rights, which are subject to variation from state to state.

If a warranty repair is required, the Dealer must contact Pelco at (800) 289-9100 or (559) 292-1981 to obtain a Repair Authorization number (RA), and provide the following information:
1. Model and serial number
2. Date of shipment, P.O. number, Sales Order number, or Pelco invoice number
3. Details of the defect or problem

If there is a dispute regarding the warranty of a product which does not fall under the warranty conditions stated above, please include a written explanation with the product when returned.
Method of return shipment shall be the same or equal to the method by which the item was received by Pelco.

RETURNS

In order to expedite parts returned to the factory for repair or credit, please call the factory at (800) 289-9100 or (559) 292-1981 to obtain an authorization number (CA number if returned for credit, and RA number if returned for repair).

All merchandise returned for credit may be subject to a 20% restocking and refurbishing charge.

Goods returned for repair or credit should be clearly identified with the assigned CA or RA number and freight should be prepaid. Ship to the appropriate address below.

If you are located within the continental U.S., Alaska, Hawaii or Puerto Rico, send goods to:

Service Department
Pelco
3500 Pelco Way
Clovis, CA 93612-5699

If you are located outside the continental U.S., Alaska, Hawaii or Puerto Rico and are instructed to return goods to the USA, you may do one of the following:
If the goods are to be sent by a COURIER SERVICE, send the goods to:

Pelco
3500 Pelco Way
Clovis, CA 93612-5699 USA

If the goods are to be sent by a FREIGHT FORWARDER, send the goods to:

Pelco c/o Expeditors
473 Eccles Avenue
South San Francisco, CA 94080 USA
Phone: 650-737-1700
Fax: 650-737-0933

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FAX 1-559-348-1120

(Product specifications subject to change without notice.)

C1403M